

5-13-1983

EXECUTIVE SUMMARY

S and S Mining Company
Red Rock Mine
ACT/037/050
Sections 26 and 27, Township 28 South, Range 23 East
San Juan County, Utah

EXECUTIVE SUMMARY

Mine Name: Red Rock Mine
Operator: S and S Mining Company
P. O. Box 414, Moab, Utah 84532
Attorney--Paul Mortensen
Telephone: 259-8173
Contact Person: Clayton Stocks
Life of Mine: 4 years
Legal Description: Sections 26 and 27, Township 28 South, Range 23 East
Mineral(s) to be Mined: Uranium
Mining Methods: Room and Pillar
Acres to be Disturbed: 9
Present Land Use: Mining and Grazing
Postmining Land Use: Grazing
Variances from Reclamation Standards (Rule M-10) Granted: None

I.D. No. ACT/037/050
County: San Juan
New/Existing: New
Mineral Ownership: S & S Mining Co.
Surface Ownership: BLM & S & S Mining
Lease No.(s): N/A
Permit Term: 4 years

Soils and Geology:

Soil Description: Quaternary Eolian silts and clayey sands weathered from the Morrison formation overlie rock outcrops
pH: 8.4
Special Handling Problems: _____
Geology Description: Jurassic sandstones and shales of the Morrison formation are the surface outcrops and targeted host rocks of uranium.

Hydrology:

Ground Water Description: Potentially existent in minor perched lenses within the Morrison formation. Very limited impacts possible.
Surface Water Description: A small ephemeral drainage runs north-south across the mine site and connects to Cane Creek.
Water Monitoring Plan: None. Water collected in the mine will be pumped to an evaporation pond.

Ecology:

Vegetation Type(s); Dominant Species: Indian ricegrass, Shadscale, Rabbitbrush, Pinon and Juniper
Percent Surrounding Vegetative Cover: 12 percent, which does not include the pinon and juniper community.
Wildlife Concerns: None
Surface Facilities: No permanent facilities; evaporation pond.

Mining and Reclamation Plan Summary: See attachment.

Surety:

Amount: \$15,000.00 (see attached estimate)
Form: Escrow Agreement (CD)
Renewable Term: 2 years - First Security Bank of Utah

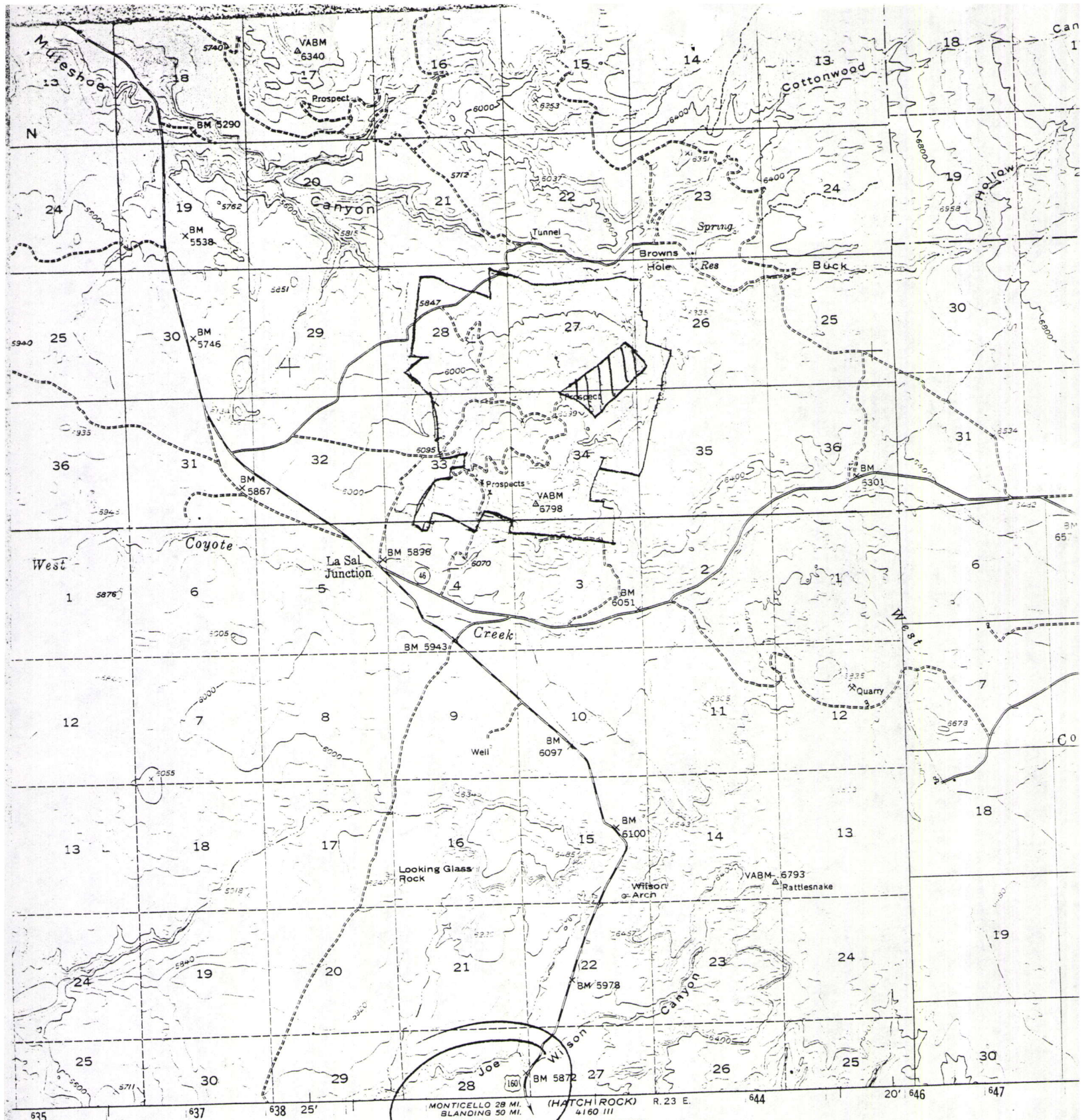
DIVISION OF OIL, GAS, AND MINING

BOND ESTIMATE

OPERATOR: S & S Mining Company
MINE NAME: Red Rock Mine
LOCATION: Secs. 26 & 27, T. 28 S., R. 23 E.
COUNTY: San Juan County
DATE: May 13, 1983.

| | Operation | Amount | Rate | Cost |
|----|--|-----------------|-----------|-------------|
| A. | CLEAN-UP | | | |
| | 1. Removal of structures & equipment.. | Dump Truck - | | |
| | 2. Removal of trash & debris. | 40 hrs | \$35/hr | \$ 1,400.00 |
| | 3. Leveling of ancillary facilities | Loader - 40 hrs | \$59/hr | 2,360.00 |
| | pads and access roads. | | | |
| B. | REGRADEING & RECONTOURING | | | |
| | 1. Earthwork including haulage and | Cat (D-6) - | | |
| | grading of spoils, waste and over- | 40 hrs | \$100/hr | 4,000.00 |
| | burden. | Loader 25 hrs | \$59/hr | 1,475.00 |
| | 2. Recontouring of highwalls and | (3,000 cy) | | |
| | excavations. | | | |
| | 3. Spreading of soil or surficial | | | |
| | materials. | | | |
| C. | STABILIZATION | | | |
| | 1. Soil preparation, scarification, | Seed for 3.8 ac | | 644.00 |
| | fertilization, etc. | Tractor 24 hrs | \$20/hr | 480.00 |
| | 2. Seeding or planting. | Pick-up 24 hrs | \$6/hr | 144.00 |
| | 3. Construction of terraces, water- | Laborers 3 man/ | | |
| | bars, etc. | days | \$10/hr | 240.00 |
| D. | LABOR | | | |
| | 1. Supervision. | 145 hrs | \$15/hr | 2,175.00 |
| | 2. Labor exclusive of bulldozer time. | | | |
| E. | SAFETY | | | |
| | 1. Erection of fences, portal cover- | | | |
| | ings, etc. | | | |
| | 2. Removal or neutralization of | | | |
| | explosive or hazardous materials. | | | |
| F. | MONITORING | | | |
| | 1. Continuing or periodic monitoring, | 2 da/yr for 3 | | |
| | sampling & testing deemed necessary. | hrs | \$240/yr | 720.00 |
| | | | | \$13,638.00 |
| | | | | 1,364.00 |
| | | | | \$15,002.00 |
| G. | OTHER | | | |
| | 1984 - \$16,502.00 | | 10% cont. | |
| | 1985 - \$18,152.00 | | | |
| | 1986 - \$19,968.00 | | | |

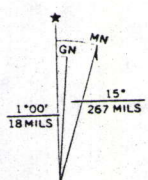
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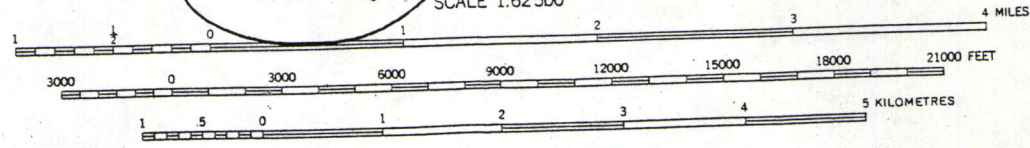
Survey

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th zone



UTM GRID AND 1954 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 80 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTAH
QUADRANGLE LC